WATER QUALITY PROGRAM

REPORT

2000 - 2001

Manitoba Conservation
Parks and Natural Areas
Park Districts
March 2001

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WATER QUALITY PROGRAM REPORT

2000

BACKGROUND

The intent of the Water Quality Program is to improve and preserve the water quality in Provincial Park lands by ensuring that lotholders and property owners in Provincial Parks have installed, operated and maintained proper Sewage and Sullage containment and disposal facilities.

All Private Sewage Disposal Systems must conform to Manitoba Environment Regulation 95/88R. These have been incorporated in the Cottager's Handbook, which is available at District Offices within Provincial Parks.

The Park Districts Section is responsible for inspections related to Vacation Home Lease applications and renewals, and Lot Development inspections related to Site Plan Permits and Building Permit applications.

In October of 1999, Manitoba Conservation was created by a new administration. This new Department is made up of the former Natural Resources, Environment and Petroleum and Energy.

PRIVATE WASTE DISPOSAL INSPECTION PROGRAM

The 1999/2000 field inspection program commenced on April 04, 2000 and concluded on November 21 , 2000. Inspections were carried out for the following:

Lease Applications
Lease Renewals
New Sewage Disposal Systems
Upgrading existing Sewage Disposal Systems
Re-inspections as a result of Non-Compliance Notices
Commercial and Non-Profit Organizations
Inventory Verification on Vacation Home Lots
Lot development inspections (Building Permits)
Private Waste Disposal Inspections

To date, all cottage lots have been inspected in all Provincial Parks. A re-inspection of cottage lots was begun IN 1999 in the Whiteshell Provincial Park. To date, Falcon Lake, Eleanor Lake, Otter Falls; Dorothy Lake. Nora Lake, Florence Lake, George Lake and Remote Cottages in Nopiming Park sub-divisions have been completed. This year Inspections were carried out at Barren Lake, Star Lake. Hunt Lake and Mckenzie Beach, Crescent Beach, High Rock and Block 1 at West Hawk Lake. This inspection program will be continued to include all cottages within Provincial Parks in the next few years..

A breakdown of various inspections and information visits is provided in Appendix "A"

PRIVATE SEWAGE DISPOSAL SYSTEMS

In May of 1991, the Department of Environment designated the Water Quality Program Inspector as an Environment Officer to administer and enforce the "Private Sewage Disposal Systems and Privies Regulation" (MR95/88R) within Provincial Parks. At present, Park Districts section provides the following services:

Whiteshell Park

Information Visits
Location Approvals
Soil Inspections
Installation Inspections
Lease Inspections (Application and Renewal)
Issue Registrations
Issue Installation Permits
Commercial Inspections

Nopiming, Grand Beach, Grindstone and Moose Lake Parks

Information Visits
Lease Inspections (as above)
Installation Inspections
Soil Inspections
Issue Registrations
Issue Installation Permits
Commercial Inspections
Location Approvals by Natural Resource Officers

In all other Parks

Lease Inspections (as above)
Issue Installation Permits
Commercial Inspections
Location Approvals by Natural Resource Officers
Registration by Public Health Inspectors

For Installation of a Private Sewage Disposal System within provincial parks the following is required:

- *Application for Installation of Private Sewage Disposal System*
- *Registration Form for a Private Sewage Disposal System*

The above are completed by the cottager and submitted to the district office for location approval. In Parks other than the Whiteshell, location approval is provided by the Natural Resource Officer. For Applications in Whiteshell, Grand Beach, Nopiming, Grindstone and Moose Lake Parks, Registrations and Installation Permits are issued by Parks. In all other Parks, Registrations are issued by Environment Division and Installation Permits are issued by Parks. If a variance to the Environment Regulation is required, a request by the cottager should accompany application forms. This will then be dealt with by Parks and Environment staff.

Installation Permits and Registrations issued are provided in Appendix " B "

PUBLIC WATER SYSTEMS AND SAMPLING REPORTS

This program was started in the Whiteshell in 1990 and expanded in 1991 to cover all public water systems within provincial parks. The goal of this program is to have the districts sample all public water systems on a bi-weekly basis. These samples are then submitted to the Enviro-Test Laboratory in Winnipeg for analysis. The results are then returned to the district, who in turn submit copies of the results to Parks Branch. These results are charted on computer to assist in assessing, planning of treatment and upgrading of facilities as may be required.

This program is generally satisfactory, however, in some areas the test results indicate problems with water quality, particularly with the Untreated Hand Pump Wells. Water systems at Brereton Lake Campground, White Lake Campground, Paint Lake Park showed improvement, but there are still some problems with high Coliform counts in the Raw Water supply. The St. Ambroise system was shut down and an underground tank was installed. Treated water was trucked in to supply the system and this will be continued in the future. A system of warning signs was introduced for use within Provincial Parks and is currently under review. The systems at Brereton Lake Campground. White Lake Campground and Paint Lake Park are currently under review..

In 2000/2001 a total of $ 368,800,00 was allocated to upgrade, replace or repair Public Water Supply systems within Provincial Parks. This work consisted of various projects including new systems, such as the proposed new system at Falcon Lake, overhauling equipment in existing systems, repair/replace distribution lines, new wells, new standpipes, replace fittings in existing systems, microbiological water testing and preparation of operating manuals for water systems.

The objective of bacteriological testing for the routine examination of potable water supplies is to determine compliance with accepted water quality standards. All samples should have a negative total coliform reading, reported as "<1 (less than 1)" if water supply is treated with chlorine. In untreated water supply systems (i.e. Hand Pumps), the following is a general course of actions taken in the event that positive coliform readings are received

If coliform reading is between 2 - 10, system is placarded with a warning that water should be Boiled before consumption.

If coliform reading is greater than 10, the system is closed and the well is cleaned and treated with chlorine and re-sampled. If re-sample result is within guidelines, the system is put back into service.

The Department has removed a number of Hand Pumps in the Whiteshell Park and replaced them with Pressurized and Treated water supply systems in the past few years.

PUBLIC SEWAGE DISPOSAL FACILITIES

In 2000/2001 a total of $ 674,000.00 was allocated to upgrade, repair or replace Public Sewage Disposal Systems within Provincial Parks. This work consisted of various projects including construction of new facilities, design of new consolidated facilities, lift stations, holding tanks, sewage pumps and controls, truck dump chutes at sewage lagoons, sewage line replacements, repairs, inspections, chemicals for treatment, fencing, sludge removal and closing of wet pits as required. Sewage lagoons were tested and discharged as per operating procedures of Environment Division.

SOLID WASTE DISPOSAL SITES

In 2000/2001 various waste Disposal sites were closed and replaced with Transfer Station. These locations are manned and operated on a set schedule. All materials are now being deposited in a specific area of the site, as per instructions from the operator.

The North end of Whiteshell Provincial Park has entered into a Regional Waste Disposal agreement with Whitemouth/Reynolds at this time and the South Whiteshell has entered into an agreement to haul waste to Brady Landfill Disposal Site. Other cottage Sub-divisions within Provincial Parks are investigating the feasibility of entering into similar agreements.

In 2000/2001, a total of $ 320,500.00 was allocated to replace/upgrade and provide for annual maintenance of Solid Waste Disposal Sites within Provincial Parks. Major projects were continuing construction of Transfer Stations and the closing and rehabilitating of Waste Disposal Sites and costs associated with hauling Solid waste to designated Sites.

APPENDIX "A"

INSPECTION PROGRAM

2000 Private Waste Disposal System Inspection Report

2000 Inspection Program Summary

1988-1998 Inspection Program Summary

2000 Year-End Inspection Report

2000 Non - Compliance Report

2000 Private Sewage Disposal Systems Registered (by sub - division)

PRIVATE WASTE DISPOSAL PROGRAM INSPECTION REPORT 2000

SUB-DIVISION	PLAN	# COTTAGES	PIT PRIVY	VAULT PRIVY	HOLD TANK	SEPTIC TANK & FIELD	MODIFIED SYSTEM	SULLAGE PIT	NON-COMPLIANCE
BARREN LAKE	7376	21	11	1	7	8	4	9	3
SUB-TOTAL		21	11	1	7	8	4	9	3
STAR LAKE	1951	131	96	0	46	13	45	100	13
SUB-TOTAL		131	96	0	46	13	45	100	13
HUNT LAKE	1950	8	6	0	4	0	4	6	0
SUB-TOTAL		8	6	0	4	0	4	6	0
WEST HAWK LAKE									
McKENZIE BEACH	1906	59	36	1	38	5	14	40	4
SUB-TOTAL		59	36	1	38	5	14	40	4
HIGH ROCK BEACH	1906	20	10	1	14	0	6	12	1
SUB-TOTAL		20	10	1	14	0	6	12	1
CRESCENT BEACH	1906	43	33	0	20	10	6	24	1
SUB-TOTAL		43	33	0	20	10	6	24	1
BLOCK 1	1906	11	10	0	9	0	1	7	2
SUB-TOTAL		11	10	0	9	0	1	7	2
TOTAL		293	202	3	138	36	80	198	24

INSPECTION PROGRAM SUMMARY 1999- 2000

PRIVATE WASTE DISPOSAL INSPECTIONS

YEAR	# Inspections	Pit Privy	Vault Privy	Holding Tank	# Registered	Septic Tank & Field	# Registered	Modified Systems	# Registered	Sullage Pits	Non-Compliance	%
1988-1998	5502	3238	62	2461	643	633	97	820	264	2494	848	15.4%
1999	933	494	3	331	0	209	0	194	0	591	60	6.4%
2000	293	202	3	138	0	36	0	80	0	198	24	8.2%
TOTAL	1226	696	6	469	0	245	0	274	0	789	84	6.9%

OTHER INSPECTIONS

YEAR	Building Permits	Information visits	Location Approval	Soil Inspection	Installation Inspection	Lease Inspection	Other	Commercial	Re-Inspection	Complaint	Total
1988	139						30				169
1989		142	105	51	114	11	23	8	141		595
1990		102	145	57	166	17	20	1	119		627
1991		147	121	50	190	2	544	8	174		1236
1992		88	122	25	119	223	628	19	146	19	1389
1993		129	126		107	209	16	7	104	25	723
1994		102	87		86	188	32	16	138	16	665
1995		96	104	53	105	89	27	12	261	15	762
1996		77	59	17	74	150	27	8	99	21	532
1997		48	50	18	77	1516	34	5	90	12	1850
1998		106	100	29	92	351	14	9	309	21	1031
1999	167	94	112	33	100	298	30	5	374	23	1236
2000	10	103	103	41	103	188	91	5	236	31	911
TOTAL	316	1234	1234	374	1333	3242	1516	103	2191	183	11726

INSPECTION PROGRAM SUMMARY

1988 TO 1998

PRIVATE WASTE DISPOSAL INSPECTIONS

YEAR	# Inspections	Pit Privy	Vault Privy	Holding Tank	# Registered	Septic Tank & Field	# Registered	Modified Systems	# Registered	Sullage Pits	Non-Compliance
1988	455	331	10	143	64	225	19			285	72
1989	355	219	2	94	61	107	18	106	24	176	35
1990	1043	792	3	316	240	135	30	309	117	663	166
1991	600	521	3	158	97	58	8	202	83	375	95
1992	337	280	2	87	35	39	16	105	23	195	42
1993	449	244	5	148	26	35	2	41	6	204	74
1994	596	383	8	370	120	18	4	54	11	284	99
1995	540	291	18	387		16		2		64	80
1996	316	177	11	203				1		65	40
1997	811			555						183	145
1998	0	0	0	0	0	0	0	0		0	0
TOTAL	5502	3238	62	2461	643	633	97	820	264	2494	848

OTHER INSPECTIONS

YEAR	Building Permits	Information visits	Location Approval	Soil Inspection	Installation Inspection	Lease Inspection	Other	Commercial	Re-Inspection	Complaint	Total
1988	139						30				169
1989		142	105	51	114	11	23	8	141		595
1990		102	145	57	166	17	20	1	119		627
1991		147	121	50	190	2	544	8	174		1236
1992		88	122	25	119	223	628	19	146	19	1389
1993		129	126		107	209	16	7	104	25	723
1994		102	87		86	188	32	16	138	16	665
1995		96	104	53	105	89	27	12	261	15	762
1996		77	59	17	74	150	27	8	99	21	532
1997		48	50	18	77	1516	34	5	90	12	1850
1998		106	100	29	92	351	14	9	309	21	1031
1999	167	94	112	33	100	298	30	5	374	23	1236
2000	10	103	103	41	103	188	91	5	236	31	911
TOTAL	316	1234	1234	374	1333	3242	1516	103	2191	183	11726

YEAR-END INSPECTION REPORT 2000

SUB-DIVISION	Building Permits	Information Visits	Location Approval	Soil Inspection	Installation Inspection	Lease Inspection	Other	Complaint	Commercial	Re-Inspection	Total
FALCON LAKE	5	25	22	14	22	54	10	5	0	25	182
BARREN LAKE		2	1	1	1	3	1	0	0	6	15
STAR LAKE		16	8	5	8	6	3	1	0	18	65
WEST HAWK LAKE	3	17	13	7	13	18	5	3	0	15	94
CADDY LAKE		4	4	1	4	8	1	4	0	8	34
BRERETON LAKE	2	10	4	2	4	17	4	3	0	7	53
RED ROCK LAKE		2	3	2	3	4	1	1	1	6	23
WHITE LAKE		4	0	0	0	1	0	0	0	6	11
JESSICA LAKE		3	1	1	1	3	1	1	0	6	17
WHITESHELL LAKE		4	1	0	1	5	2	7	3	0	23
BETULA LAKE		2	5	2	5	7	0	0	0	3	24
NUTIMIK LAKE		4	3	1	3	5	1	0	0	6	23
BARRIER BAY		2	2	0	2	6	1	1	0	7	21
DOROTHY LAKE		2	6	3	6	3	0	0	1	18	39
OTTER FALLS		4	1	1	1	3	0	1	0	6	17
ELEANOR LAKE		2	2	1	2	3	0	0	0	7	17
POINT DU BOIS		0	0	0	0	0	0	1	0	5	6
NOPIMING PARK		0	0	0	0	0	0	0	0	15	15
GRAND BEACH		0	11	0	11	8	0	3	0	32	65
GRINDSTONE/HECLA PARK		0	7	0	7	0	60	0	0	6	80
MOOSE LAKE		0	0	0	0	22	1	0	0	1	24
DUCK MTNS.		0	0	0	0	0	0	0	0	0	0
CLEARWATER PARK		0	0	0	0	7	0	0	0	4	11
BAKERS NARROWS		0	0	0	0	2	0	0	0	9	11
PAINT LAKE		0	0	0	0	3	0	0	0	10	13
BEAVER CREEK		0	0	0	0	0	0	0	0	10	10
TURTLE MTNS.		0	0	0	0	0	0	0	0	0	0
GEORGE LAKE		0	0	0	0	0	0	0	0	0	0
NORA LAKE		0	4	0	4	0	0	0	0	0	8
FLORENCE LAKE		0	5	0	5	0	0	0	0	0	10
TOTAL	**10**	**103**	**103**	**41**	**103**	**188**	**91**	**31**	**5**	**236**	**911**

NOTICE OF NON-COMPLIANCE AND ACTIONS 2000

Sub-division	Issued	Completed	In Progress	No Action	2001 Completion
Barren Lake	3	2	1	0	0
Star Lake	13	10	3	0	0
West Hawk Lake	8	2	1	5	8
TOTAL	24	14	5	5	8

PRIVATE SEWAGE DISPOSAL SYSTEM REGISTRATION AND INSTALLATION PERMITS ISSUED 2000

SUBDIVISION	HOLDING TANK	SULLAGE PIT	SEPTIC TANK & FIELD	SEPTIC TANK REPLACEMENT	SEPTIC FIELD REPLACEMENT	TOTAL
Falcon Lake	12	7	4	1	0	24
Star Lake	2	7	0	0	0	9
Barren Lake	0	1	0	0	0	1
West Hawk Lake	5	4	5	0	0	14
Caddy Lake	1	4	0	1	0	6
Brereton Lake	2	1	0	1	0	4
Red Rock Lake	3	1	0	0	0	4
Jessica Lake	1	0	0	0	0	1
Whiteshell Lake	1	0	0	0	0	1
Betula Lake	5	3	0	0	0	8
Nutimik Lake	2	2	0	0	0	4
Barrier Bay	2	0	0	0	0	2
Eleanor Lake	2	1	0	0	0	3
Dorothy Lake	4	2	1	0	0	7
Point du Bois	0	0	0	0	0	0
Otter Falls	0	1	0	0	0	1
Florence/Nora Lake	0	10	0	0	0	10
George Lake	0	1	0	0	0	1
SUB-TOTAL	42	45	10	3	0	100
Moose Lake	2	1	0	0	0	
Nopiming Park	0	0	0	0	0	
Grand Beach Park	11	0	0	0	0	
Grindstone Park	0	0	0	0	0	
Burge Lake	0	1	0	[illegible]	0	
Paint Lake Park	1	1	0	0	0	
Duck Mtns. Park	1	1	0	0	0	
Turtle Mtns. Park	0	0	0	0	0	
Clearwater Lake	1	0	0	0	0	
Hecla Island	8	0	2	0	0	
SUB-TOTAL	24	3	2	0	0	29
TOTAL	66	48	12	3	0	129

APPENDIX "B"

Private Sewage Disposal Systems

Registrations and Installation Permits

2000 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATIONS AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
2000-02-10	00-EF-WP-01	S-1556	HOLDING TANK	5	5	BETULA LAKE	WHITESHELL
2000-03-09	01-TPD-2000-01	S-1557	HOLDING TANK	41	3 (9090)	CLEARWATER LAKE	CLEARWATER LAKE
2000-04-05	00-EF-ML-01	S-1558	HOLDING TANK	10	14	MOOSE LAKE	MOOSE LAKE
2000-04-05		S-1559	SULLAGE PIT		SFEE 281	GEORGE LAKE	WHITESHELL
2000-04-14		S-1560	SULLAGE PIT	14		FLORENCE LAKE	WHITESHELL
2000-04-14		S-1561	SULLAGE PIT	13		FLORENCE LAKE	WHITESHELL
2000-04-18	00-EF-GBP-01	S-1562	HOLDING TANK	14	11	GRAND BEACH	GRAND BEACH
2000-04-18	00-EF-ML-02	S-1563	HOLDING TANK	2	3	MOOSE LAKE	MOOSE LAKE
2000-04-18	00-EF-GBP-02	S-1564	HOLDING TANK	16	20	GRAND BEACH	GRAND BEACH
2000-04-20	00-EF-WP-02	S-1565	HOLDING TANK	3A	3	BRERETON LAKE	WHITESHELL
2000-04-27	00-EF-GBP-03	S-1566	HOLDING TANK	24	10	GRAND BEACH	GRAND BEACH
2000-04-27		S-1567	SULLAGE PIT	5	3	BARREN LAKE	WHITESHELL
2000-04-27	00-EF-HP-01	S-1568	HOLDING TANK & SULLAGE PIT	5	HECLA VILLAGE	HECLA VILLAGE	HECLA PARK
2000-04-27	00-EF-WP-03	S-1569	HOLDING TANK	20	20	FALCON LAKE	WHITESHELL
2000-05-01	00-EF-WP-04	S-1570	HOLDING TANK & SULLAGE PIT	16	1	ELEANOR LAKE	WHITESHELL
2000-05-08	00-EF-HP-02	S-1571	HOLDING TANK	43	19976	HECLA NORTH SHOR	HECLA PARK
2000-05-11		S-1572	SULLAGE PIT	5B	1	STAR LAKE	WHITESHELL
2000-05-11	00-EF-HP-03	S-1573	SEPTIC TANK & FIELD	32	HECLA VILLAGE	HECLA VILLAGE	HECLA PARK
2000-05-09	00-EF-WP-05	S-1572	HOLDING TANK	1	19	FALCON LAKE	WHITESHELL
2000-05-18	00-EF-WP-06	S-1575	HOLDING TANK	B	5125	RED ROCK	WHITESHELL
2000-05-18		S-1574	SULLAGE PIT	14	2	MOOSE LAKE	MOOSE LAKE
2000-05-18	00-EF-WP-07	S-1576	HOLDING TANK & SULLAGE PIT	5	2 5919	RED ROCK	WHITESHELL
2000-05-23	00-EF-WP-08	S-1577	HOLDING TANK	50	12	FALCON LAKE	WHITESHELL
2000-05-23	00-EF-WP-09	S-1578	HOLDING TANK & SULLAGE PIT	6	1	STAR LAKE	WHITESHELL
2000-05-29	00-EF-WP-10	S-1579	HOLDING TANK & SULLAGE PIT	55	1	NUTIMIK LAKE	WHITESHELL
2000-05-29	00-EF-WP-11	S-1580	HOLDING TANK	16	4	DOROTHY LAKE	WHITESHELL
2000-05-29		S-1581	SULLAGE PIT	16	19	FALCON LAKE	WHITESHELL
2000-05-29		S-1582	SULLAGE PIT	1	3	NORA LAKE	WHITESHELL
2000-05-30	00-EF-HP-04	S-1583	HOLDING TANK	29	19976	HECLA N. SHORE	HECLA PARK
2000-06-01		S-1584	SULLAGE PIT	23	1959	FLORENCE LAKE	WHITESHELL
2000-06-01		S-1585	SULLAGE PIT	17	1	NUTIMIK LAKE	WHITESHELL
2000-06-01	00-EF-WP-12	S-1586	HOLDING TANK & SULLAGE PIT	21	5	CADDY LAKE	WHITESHELL
2000-06-02	00-EF-WP-13	S-1587	HOLDING TANK	11	10244	NUTIMIK LAKE	WHITESHELL
2000-06-02	00-EF-WP-14	S-1588	HOLDING TANK	1A	1	BARRIER BAY	WHITESHELL
2000-06-02	00-EF-WP-15	S-1589	HOLDING TANK	6	3	ELEANOR LAKE	WHITESHELL

2000 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
2000-06-02		S-1590	SULLAGE PIT	2	6	STAR LAKE	WHITESHELL
2000-06-02		S-1591	SULLAGE PIT	/L4012		NORA LAKE	WHITESHELL
2000-06-02		S-1592	SULLAGE PIT	16		FLORENCE LAKE	WHITESHELL
2000-06-02		S-1593	SULLAGE PIT	8	4	STAR LAKE	WHITESHELL
2000-06-14	00-EF-GBP-04	S-1594	HOLDING TANK	1	2	GRAND BEACH	GEAND BEACH
2000-06-15		S-1595	SULLAGE PIT	14	4	DOROTHY LAKE	WHITESHELL
2000-06-15	00-EF-WP-16	S-1596	HOLDING TANK	31	C	WEST HAWK LAKE	WHITESHELL
2000-06-21		S-1597	SULLAGE PIT	30	9	CADDY LAKE	WHITESHELL
2000-06-21	00-EF-HP-05	S-1598	HOLDING TANK	54	19976	HECLA N. SHORE	HECLA
2000-06-21	00-EF-GBP-05	S-1599	HOLDING TANK	10	24	GRAND BEACH	GRAND BEACH
2000-06-21	00-EF-WP-17	S-1600	HOLDING TANK	8	7	JESSICA	WHITESHELL
2000-06-22		S-1601	SULLAGE PIT	5	3	OTTER FALLS	WHITESHELL
2000-06-27		S-1602	SULLAGE PIT	14	12	FALCON LAKE	WHITESHELL
2000-06-30	00-EF-WP-20	S-1603	SULLAGE PIT	9	3	STAR LAKE	WHITESHELL
2000-06-30		S-1504	SULLAGE PIT	33	17	FALCON LAKE	WHITESHELL
2000-07-04	00-EF-WP-19	S-1605	HOLDING TANK & SULLAGE PIT	6	6	BETULA LAKE	WHITESHELL
2000-07-07		S-1606	SULLAGE PIT	74	T	FALCON LAKE	WHITESHELL
2000-07-07	00-EF-WP-20	S-1607	HOLDING TANK	18	9	FALCON LAKE	WHITESHELL
2000-07-07	00-EF-WP-21	S-1608	REPLACEMENT SEPTIC TANK	17	14	FALCON LAKE	WHITESHELL
2000-07-07	00-EF-WP-22	S-1609	HOLDING TANK	32	6	STAR LAKE	WHITESHELL
2000-07-17	00-EF-WP-23	S-1610	HOLDING TANK	27	9	FALCON LAKE	WHITESHELL
2000-07-17	00-EF-WP-24	S-1611	HOLDING TANK & SULLAGE PIT	8	3	DOROTHY LAKE	WHITESHELL
2000-07-17		S-1612	SULLAGE PIT	5	4	NORA LAKE	WHITESHELL
2000-07-17		S-1613	SULLAGE PIT	22		FLORENCE LAKE	WHITESHELL
2000-07-17	00-EF-HP-06	S-1614	HOLDING TANK & SULLAGE PIT	42		HECLA VILLAGE	HECLA
2000-07-19		S-1615	SULLAGE PIT	15		FLORENCE LAKE	WHITESHELL
2000-07-21	01-TH-2000-14	S-1616	HOLDING TANK	1	8 19625	PAINT L.	PAINT LAKE
2000-07-21	00-EF-WP-25	S-1617	HOLDING TANK	4	4	FALCON LAKE	WHITESHELL
2000-07-21	00-EF-WP-26	S-1618	HOLDING TANK	3	4	FALCON LAKE	WHITESHELL
2000-07-21		S-1619	SULLAGE PIT	7	6	STAR LAKE	WHITESHELL
2000-07-26	00-EF-WP-26	S-1620	HOLDING TANK	8	1	BARRIER BAY	WHITESHELL
2000-07-26	00-EF-GBP-06	S-1621	HOLDING TANK	7	26	GRAND BEACH	GRAND BEACH
2000-07-28		S-1622	SULLAGE PIT	3	4	STAR LAKE	WHITESHELL
2000-07-28		S-1623	SULLAGE PIT	20		FLORENCE LAKE	WHITESHELL
2000-08-04		S-1624	SULLAGE PIT	17	17	FALCON LAKE	WHITESHELL

2000 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
2000-06-04		S-1625	SULLAGE PIT	13	2	WEST HAWK LAKE	WHITESHELL
2000-08-04	00-EF-HP-07	S-1626	HOLDING TANK	13	19976	HECLA N. SHORE	HECLA
2000-08-09	00-EF-WP-27	S-1627	SEPTIC TANK & FIELD	21	6	FALCON LAKE	WHITESHELL
2000-08-11	00-EF-WP-28	S-1628	SEPTIC TANK & FIELD	29	6	FALCON LAKE	WHITESHELL
2000-08-11	00-EF-WP-29	S-1629	HOLDING TANK	11	1	RED ROCK LAKE	WHITESHELL
2000-08-17	00-EF-HP-08	S-1630	HOLDING TANK	51	19976	HECLA N. SHORE	HECLA
2000-08-21	00-EF-WP-30	S-1631	SEPTIC TANK & FIELD	B	3	DOROTHY LAKE	WHITESHELL
2000-08-21	00-EF-HP-08	S-1632	HOLDING TANK	27	19976	HECLA N. SHORE	HECLA
2000-08-22	00-EF-WP-31	S-1633	HOLDING TANK	31	17	FALCON LAKE	WHITESHELL
2000-08-23		S-1634	SULLAGE PIT	1	6 15394	PAINT LAKE	PAINT LAKE
2000-08-23	00-EF-WP-32	S-1635	HOLDING TANK	20	1	BIG WHITESHELL	WHITESHELL
2000-08-23	00-EF-WP-33	S-1636	HOLDING TANK	18	6	BETULA LAKE	WHITESHELL
2000-08-28	00-EF-GBP-07	S-1637	HOLDING TANK	10	7	GRAND BEACH	GRAND BEACH
2000-08-28	00-EF-WP-34	S-1638	HOLDING TANK		MTCE. YARD	WEST HAWK LAKE	WHITESHELL
2000-09-01	00-EF-WP-35	S-1639	HOLDING TANK	1	13	BRERETON LAKE	WHITESHELL
2000-09-06	00-EF-WP-36	S-1640	SEPTIC TANK & FIELD	1	9665	WEST HAWK LAKE	WHITESHELL
2000-09-06		S-1641	SULLAGE PIT	12	6	CADDY LAKE	WHITESHELL
2000-09-15		S-1642	SULLAGE PIT	36	M	WEST HAWK LAKE	WHITESHELL
2000-09-15	00-EF-WP-37	S-1643	HOLDING TANK & SULLAGE PIT	3	2945	WEST HAWK LAKE	WHITESHELL
2000-09-19	00-EF-GBP-08	S-1644	HOLDING TANK	1	31	GRAND BEACH	GRAND BEACH
2000-09-19	00-EF-WP-38	S-1645	HOLDING TANK	17	28258	DOROTHY LAKE	WHITESHELL
2000-09-20	00-EF-GBP-09	S-1646	HOLDING TANK	22	20	GRAND BEACH	GRAND BEACH
2000-09-20	00-EF-GBP-10	S-1647	HOLDING TANK	7	12	GRAND BEACH	GRAND BEACH
2000-09-20	00-EF-GBP-11	S-1648	HOLDING TANK	5	12	GRAND BEACH	GRAND BEACH
2000-09-25	00-EF-WP-39	S-1649	HOLDING TANK & SULLAGE PIT	15	3	FALCON LAKE	WHITESHELL
2000-09-25	00-EF-WP-40	S-1650	REPLACEMENT SEPTIC TANK	21	9	CADDY LAKE	WHITESHELL
2000-10-02	00-EF-WP-41	S-1651	SEPTIC TANK & FIELD	22	8	WEST HAWK LAKE	WHITESHELL
2000-10-02	00-EF-WP-42	S-1652	REPLACEMENT SEPTIC TANK	38	4	BRERETON LAKE	WHITESHELL
2000-10-03	00-EF-WP-43	S-1653	SEPTIC TANK & FIELD	6	8968	WEST HAWK LAKE	WHITESHELL
2000-10-05	00-EF-WP-44	S-1654	HOLDING TANK & SULLAGE PIT	2	3	BETULA LAKE	WHITESHELL
2000-10-13	00-EF-WP-45	S-1655	HOLDING TANK	5	9723	DOROTHY LAKE	WHITESHELL
2000-10-17	00-EF-WP-46	S-1656	SEPTIC TANK & FIELD	42	3	FALCON LAKE	WHITESHELL
2000-10-17	00-EF-HP-09	S-1657	HOLDING TANK	58	19976	HECLA N. SHORE	HECLA
2000-10-17	42-00-27-KW	S-1658	HOLDING TANK & SULLAGE PIT	2	4	WELLMAN LAKE	DUCK MOUNTAIN
2000-10-25	00-EF-WP-47	S-1659	HOLDING TANK & SULLAGE PIT	8	9	FALCON LAKE	WHITESHELL

2000 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
2000-11-07	00-EF-WP-48	S-1660	SEPTIC TANK & FIELD	6	17	WEST HAWK LAKE	WHITESHELL
2000-11-07		S-1661	SULLAGE PIT	14	6	WEST HAWK LAKE	WHITESHELL
2000-11-07	00-EF-WP-49	S-1662	SEPTIC TANK & FIELD	70	13	FALCON LAKE	WHITESHELL
2000-11-07	00-EF-WP-50	S-1663	HOLDING TANK	15	12	WEST HAWK LAKE	WHITESHELL
2000-11-07		S-1664	SULLAGE PIT	5	3	BETULA LAKE	WHITESHELL
2000-11-08	00-EF-WP-51	S-1665	HOLDING TANK	17	7	BETULA LAKE	WHITESHELL
2000-11-10		S-1666	SULLAGE PIT	6	5	BRERETON LAKE	WHITESHELL
2000-11-20	00-EF-WP-52	S-1667	HOLDING TANK	23	S	WEST HAWK LAKE	WHITESHELL
2000-11-20	00-EF-WP-53	S-1668	HOLDING TANK	3	10	FALCON LAKE	WHITESHELL
2000-11-21	00-EF-WP-54	S-1669	HOLDING TANK	7	14	FALCON LAKE	WHITESHELL
2000-11-21	00-EF-WP-55	S-1670	SEPTIC TANK & FIELD	1	8968	WEST HAWK LAKE	WHITESHELL

APPENDIX "C"

Water Sample Reports

< = less than

> = greater than

o/g = overgrown with other organisms

<1 indicates that total coliform is less than 1 part per 100 millilitres

>300 indicates that total coliforms exceed 300 parts per 100 millilitres

For remedial actions taken, refer to page 4 of this report.
LEGEND:

MW……MUNICIPAL WELL (HAND PUMP)
MP……MUNICIPAL PRESSURIZED (NON-TREATED)
MPC…MUNICIPAL PRESSURIZES (TREATED)

MOOSE LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
ML1MP	PUMPHOUSE AT MAINTENANCE YARD RAW
ML2MW	HAND PUMP BLOCK 14
ML3MW	HAND PUMP AT BOAT LAUNCH
ML4MW	HAND PUMP PICNIC AREA
ML5MW	HAND PUMP EAST OF PICNIC AREA
ML6MW	HAND PUMP BLOCK 1
BP1MW	HAND PUMP BIRCH POINT
SH1MP	STAFF HOUSE

MOOSE LAKE WATER SAMPLE REPORT

2000

SAMPLE / DATE	05-25	06-06	06-07	06-13	06-27	07-11	07-25	08-22
ML1MP								
ML2MW	5	2	30	95	<1	16		O/G
ML3MW	<1	<1	<1		<1	<1	2	20
ML4MW	<1	<1	<1		<1	<1	<1	20
ML5MW		<1	<1		<1	<1	<1	
ML6MW		<1						
BP1MW	<1	<1	<1		<1	<1		<10
SH1MP								<1

FALCON LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
FL1MPC	PUMPHOUSE TREATED
FL2MPC	ADMINISTRATION BUILDING TREATED
FL3MPC	STAFF BUNKHOUSE TREATED
FL5MPC	FALCON RESORT TREATED
FL6MPC	SHOPPING CENTER TREATED
FL7MPC	BEACH CAMPGROUND TREATED
FL8MPC	LAKESHORE CAMPGROUND TREATED
FL9MPC	GOLF COURSE TREATED
FL12MPC	TRAILER VILLAGE TREATED

FALCON LAKE WATER SAMPLE REPORT 2000

SAMPLE / DATE		01-04	01-18	02-01	02-15	02-29	03-14	03-28	04-11	04-25	05-15	05-23	06-06	06-20	07-04	07-19	08-01	08-15
1MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2MPC				<1				<1		<1								
3MPC					<1		<1		<1		<1						<1	
5MPC			<1			<1							<1					<1
6MPC																		
7MPC												<1		<1				
8MPC															<1			
9MPC																<1		
12MPC													<1	<1	<1	<1	<1	<1

SAMPLE / DATE		08-29	09-12	10-02	10-10	10-24	11-07	11-22	12-06	12-19	
1MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	
2MPC							<1			<1	
3MPC									<1		
5MPC			<1		<1	<1		<1			
6MPC											
7MPC											
8MPC											
9MPC		<1		<1							
12MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	

WEST HAWK LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
WH1MP	MAIN PUMPHOUSE RAW
WH2MPC	MAIN PUMPHOUSE TREATED
WH3MPC	MAIN DISTRIBUTION SYSTEM TREATED
TV4MP	TRAILER VILLAGE PUMPHOUSE RAW
TV5MPC	TRAILER VILLAGE PUMPHOUSE TREATED
TV6MPC	TRAILER VILLAGE DISTRIBUTION SYSTEM TREATED
T7MP	TONIATA BEACH PUMPHOUSE RAW
T8MPC	TONIATA BEACH PUMPHOUSE TREATED
T9MPC	TONIATA BEACH DISTRIBUTION SYSTEM TREATED
C10MP	CADDY LAKE PUMPHOUSE RAW
C11MPC	CADDY LAKE PUMPHOUSE TREATED
C12MPC	CADDY LAKE DISTRIBUTION SYSTEM TREATED
C13MW	MANTARIO TRAIL RAW
WH556MP	STAFF RESIDENCE ON PR #301

WEST HAWK LAKE WATER SAMPLE REPORT 2000

SAMPLE	DATE	01-05	01-17	01-31	02-14	02-28	03-13	03-27	04-10	04-25	05-08	05-23	05-23	05-31	06-05	06-19	07-04	07-17	07-31	08-10
WH1MP		<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<10	<1	<10	<1	<1	
WH2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	
WH3MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	
TV4MP											<1	<1	<1		<10	<1	<10	<1	<1	
TV5MPC											<1	<1	<1		<1	<1	<1	<1	<1	
TV6MPC											<1	<1	<1		<1	<1	<1	<1	<1	
T7MP											2	<1	<1	<1	<10	<1	<10	<1	<1	
T8MPC												1	1	<1	<1	<1	<1	<1	<1	
T9MPC											<1	<1	<1	<1	<1	<1	<1	<1	<1	
C10MP												7	7		20	<1	80	4	<1	
C11MPC												<1	<1		<1	10	<1	<1	O/G	<1
C12MPC												<1	<1		<1	2	<1	<1	O/G	0/G
C13MW		<1		<1	<1				<1	<1	<1	<1	<1		<1	<1	<10	<1	<1	
WH556MP													<1			<1				

SAMPLE	DATE	08-14	08-28	09-11	09-25	10-10	10-23	11-06	11-20	12-04	12-18	
WHIMP		<1	<10	<10	<10	<10	<1	<10	<1	<1	<10	
WH2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
WH3MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
TV4MP		<1	<10	<10	<10							
TV5MPC		<1	<1	<1	<1							
TV6MPC		<1	<1	<1	<1							
T7MP		<1	<10	<10	<10							
T8MPC		<1	<1	<1	<1							
T9MPC		<1	<1	<1	<1							
C10MP		16	<10	50	240							
C11MPC		<1	<1	<1	<1							
C12MPC		<1	<1	<1	<1							
C13MW		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
WH556MP			10	<1	<1							

RENNIE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
5MW	RED ROCK LAKE HAND WELL
6MW	WHITE LAKE HAND WELL
7MP	RENNIE YARD
8MP	RENNIE YARD (RESIDENCE)
10MPC	RENNIE YARD (RSIDENCE)
9MW	BLOCK 1 & 4 RED ROCK LAKE
1MP	BRERETON LAKE S. SHORE PUMPHOUSE RAW
2MPC	BRERETON LAKE S. SHORE PUMPHOUSE TREATED
3MP	BIG WHITESHELL PUMPHOUSE RAW
4MPC	BIG WHITESHELL PUMPHOUSE TREATED
BL1MP	BRERETON LAKE CAMPGROUND PUMPHOUSE RAW
BL2MPC	BRERETON LAKE CAMPGROUND PUMPHOUSE TREATED
BL3MPC	BRERETON LAKE CAMPGROUND (VARIOUS LOCATIONS)
WL1MP	WHITE LAKE CAMPGROUND PUMPHOUSE RAW
WL2MPC	WHITE LAKE CAMPGROUND PUMPHOUSE TREATED
WL3MPC	WHITE LAKE CAMPGROUND (VARIOUS LOCATIONS)
BWS1MP	BIG WHITESHELL CAMPGROUND PUMPHOUSE RAW
BWS2MPC	BIG WHITESHELL CAMPGROUND PUMPHOUSE TREATED
BWS3MPC	BIG WHITESHELL CAMPGROUND (VARIOUS LOCATIONS)

RENNIE WATER SAMPLE REPORT 2000

SAMPLE / DATE	01-03	02-01	02-15	02-29	03-14	04-11	04-25	05-09	05-23	05-30	06-08	06-20	06-27	06-10	07-25	08-08	08-21	09-05	09-18	10-03	10-16	10-31	11-14	11-28	12-12
5MW	<1	<1		<1	<1	<1	<1	<1	20		17														
6MW	<1	<1	<1	<1	<1	<1	<1	<1	<1		O/G		<1	<1	5										
7MP									<1		<1		<1	<1	O/G										
8MP													<1		<1	<1	<1	<1	<10	<10	<10	<1		<1	
9MW													<1		69	<1	47	<1							<1
1MP	<10	<10	<10	<10	<1	<10	<10	<10	<1	<1	<10		<10	<10	<10	<1	<10	<10	<10	<10	<10	<10	<1	<1	<10
2MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
3MPC	<10	<10	<10	<10	<1	<10	<10	<10	<10		<10		<10	<10	<10	<1	<10	<10	10	<10	<10	<10	<1	<1	<10
4MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		<1	<1	<1	<1	1	<1	<1	10	<1	<1	<1	<1	<1
BL1MP								50		50		70	40	10	10	70	2								
BL2MPC								<1		2		<1	<1	3	<1	O/G	<1								
BL3MPC								3		1		1	<1	5	<1	<1	<1								
WL1MP								30		<10	<10	<1	<10	<10	O/G	<10	8								
WL2MPC								<1		<1	<1	<1	<1	20	<1	22	<1								
WL3MPC								<1		<1	<1	<1	<1	<1	<1	<1	<1								
BWS1MP								<10		<10	10		<10	<1	<1	<10	<1	<10	<10						
BWS2MPC								<1		<1	<1		<1	<1	<1	<1	<1	<1	<1						
BWS3MPC								<1		<1	<1		<1	<1	1	<1	<1	<1	<1						
10MPC																						<1			

SEVEN SISTERS WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
7AMP	OTTER FALLS CAMPGROUND PUMPHOUSE RAW
7BMPC	OTTER FALLS CAMPGROUND PUMPHOUSE TREATED
9MW	HAND PUMP OTTER FALLS BLOCK 3
10MW	HAND PUMP OTTER FALLS BLOCK 4
12AMP	DOROTHY LAKE PUMPHOUSE RAW
12BMPC	DOROTHY LAKE PUMPHOUSE TREATED
12CMPC	DOROTHY LAKE TRAILER VILLAGE TREATED
12DMPC	DOROTHY LAKE WAYSIDE TREATED
16MW	HAND PUMP NUTIMIK LAKE BLOCK 3
17MW	HAND PUMP NUTIMIK LAKE BLOCKS 3 & 5
18MW	HAND PUMP NUTIMIK LAKE BLOCK 1
20MW	HAND PUMP NUTIMIK LAKE EAST BEACH
20AMP	NUTIMIK LAKE CAMPGROUND PUMPHOUSE RAW
20BMPC	NUTIMIK LAKE CAMPGROUND PUMPHOUSE TREATED
20CMPC	OLD NUTIMIK SEASONAL CAMPGROUND STANDPIPE TREATED
20DMPC	NUTIMIK LAKE CAMPGROUND BLUEBERRY HILL TREATED
20EMPC	NEW NUTIMIK LAKE SEASONAL C/G STANDPIPE TREATED
21MW	HAND PUMP PINE POINT
22AMP	BETULA LAKE CAMPGROUND PUMPHOUSE RAW
22BMPC	BETULA LAKE CAMPGROUND PUMPHOUSE TREATED
22CMPC	BETULA LAKE CAMPGROUND STANDPIPE TREATED
30AMP	OPAPISKOW CAMPGROUND PUMPHOUSE RAW
30BMPC	OPAPISKOW CAMPGROUND PUMPHOUSE TREATED
30CMPC	OPAPISKOW CAMPGROUND STANDPIPE TREATED
33MP	PARK OFFICE RAW
4	MAINTENANCE SHOP
5	BUNKHOUSE
6	MUSEUM

SEVEN SISTERS WATER SAMPLE REPORT

2000

SAMPLE	DATE	01-11	01-25	03-07	03-23	04-05	04-26	05-10	05-25	06-07	06-15	06-20	06-29	07-11	07-25	08-10	08-22	09-06	09-29	10-10	10-31	11-14	11-28	12-13
7AMP								<1	<10		<10		<10	<10	<10	<10	<1							
7BMPC								<1	<1	<1	<1		<1	<1	<1	<1	<1	<1						
9MW																								
10MW			<1	<1	<1	<1	<1	<1	<1		<1		<1	O/G			<1	O/G	<1	<1		<1		
12AMP		<1	<1	<1	<1	<1	<10	<10	<10		<10		<10	<10	<10	<10	<1		<1	<10	<10	<1	<1	
12BMPC		<1	<1	<1	<1	<1	<1	<1	<1		<1		<1	<1	O/G	<1	<1	<1	<1	<1	<1	<1	<1	
12CMPC								<1	<1		<1		<1	<1										
12DMPC															<1	<1	<1							
16MW		O/G		O/G	3	<1	26	20	<1	<1		87	12	<1	<1	<1	<1	61	<1	<1	<1			
17MW																								
18MW		1	5	O/G	<1	<1	1	<1	<1	<1		1	2	<1	<1	<1	<1	99	<1	506	132		36	
20MW																								
20AMP								<1	<10		<10		<10	<10	<10	<10	<1							
20BMPC								<1	<1		<1		<1	<1	<1	<1	<1	<1						
20CMPC								<1	<1		<1		<1	<1	<1	<1	<1							
20DMPC										<1														
20EMPC																								
21MW				<1		<1	13	<1	<1	<1		197	42	<1	<1	9	80	44	1	49	86	<10	5	
22AMP		<1	<1	<1	<1	<1	<10	<10	<10	<10		<10		<1	<10	<10	<10	<10		<1	<10	<1	<1	<1
22BMPC		<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1
22CMPC																								
30AMP								<1	<10	11	<1					<10	<1							
30BMPC								<1	<1	<1	2		<1	<1	<1	<1								
30CMPC									<1	<1	<1		<1	<1	<1	<1								
33MP							<1	<1	<1		<1	<1		<1	<1	<1	<1		<1					
4-SHOP																<1								
5-B/HOUSE																<1								
6-MUSEUM																4								

NOPIMING PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
MR1MW	MILNER RIDGE SPRING
P1MW	HAND PUMP PINAWA DAMSITE
BL2MW	HAND PUMP BIRD LAKE CAMPGROUND
TF3MW	HAND PUMP TULABI FALLS CAMPGROUND
BL4MW	HAND PUMP BOOSTER LAKE ROAD AND P.R. 315
BL5MW	HAND PUMP BOOSTER LAKE SUB-DIVISION RD.
SL6MW	HAND PUMP SHOE LAKE ON P.R. 314
BL7MW	HAND PUMP BLACK LAKE CAMPGROUND A
BL8MW	HAND PUMP BLACK LAKE CAMPGROUND B
BL9MW	HAND PUMP MANIGOTOGAN CAMPGROUND
BL10MW	HAND PUMP BERESFORD LAKE WAYSIDE
LL11MW	HAND PUMP LONG LAKE P.R. 304
WL12MW	HAND PUMP WALLACE LAKE CAMPGROUND
14MW	HAND PUMP J. BEYETTE

NOPIMING PARK WATER SAMPLE REPORT

2000

SAMPLE / DATE	05-30	06-13	06-22	07-11	07-26	08-08	08-24	09-14	09-28	11-09	12-04	12-20
MR1MW						<1	<10	<1	<1	<10	<1	<1
P1MW								4				
BL2MW	<1	<10	<1	<1	<10	<1	<10	<1	<1			<1
TF3MW	1		<1	<1	<10	<1	<10	<1	<1			
BL4MW	<1	<10	<1	<1	<10	<1	<10	<1	<1	<10		
BL5MW	<1	<10	<1	<1	<10	<1	<10	<1	4			
SL6MW	<1	<10	<1	<1	<10	<1	<10	<1	<1			
BL7MW	<1	<10	<1	<1	<10	<1	<10	<1				
BL8MW	<1	<10	<1	<1	<10	<1	<10	<1				
M9MW												
BL10MW	<1	<10	<1	<1	<10		<10	<1	<1			
LL11MW	1		1		<10	<1	<10	<1	<1	<10		<1
WL12MW	6	<10	<1	4	<10	<1	<10	<1	<1			
14MW			<1	<1	<10	<1	<10	<1	<1			

BIRDS HILL PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
WS1AMP	WATER SOUTH PUMPHOUSE RAW (WELL A)
WS1BMP	WATER SOUTH PUMPHOUSE RAW (WELL B)
WS2MPC	WATER SOUTH PUMPHOUSE TREATED
WS3MPC	WATER STAND #24 SONG BAY
WS4MPC	WATER STAND #35 OVERFLOW CAMPING AREA
WS5MPC	WATER STAND #55 ASPEN HIKING TRAIL
WS6MPC	WATER STAND #16 GRACKLE BAY
WS7MPC	WATER STAND #54 ASPEN HIKING TRAIL
WN1AMP	WATER NORTH PUMPHOUSE RAW (WELL A)
WN1BMP	WATER NORTH PUMPHOUSE RAW (WELL B)
WN2MPC	WATER NORTH PUMPHOUSE TREATED
WN3MPC	CS10
WN4MPC	WS10
WN5MPC	PUBLIC SHELTER #11
WN6MPC	RIDING STABLE
FF1MP	FOLK FESTIVAL SITE PUMPHOUSE RAW
FF2MPC	FOLK FESTIVAL SITE PUMPHOSE TREATED
FF3MPC	SOUTH STANDPIPE
FF4MPC	NORTH STANDPIPE
FF5MP	MAINTENANCE YARD RAW
FF6MPC	MAINTENANCE SHOP WASHROOM TAP
FF7MPC	MAINTENANCE SHOP WELDING AREA
DC1MP	GROUP USE AREA II PUMPHOUSE RAW
DC2MPC	GROUP USE AREA II PUMPHOUSE TREATED
DC3MPC	STANDPIPE BETWWEN SITE 6 & 7
DC4MPC	STANDPIPE NEAR PARKING LOT
G1MP	EAST PUMPHOUSE GROUP USE AREA I RAW
G2MPC	EAST PUMPHOUSE GROUP USE AREA I TREATED
G3MPC	PICNIC SHELTER WEST OF PUMPHOUSE
G4MP	WEST PUMPHOUSE GROUP USE AREA I RAW
G5MPC	WEST PUMPHOUSE GROUP USE AREA I TREATED
G6MPC	PICNIC SHELTER N/W OF PUMPHOUSE
G7MPC	PICNIC SHELTER AT CHICKADEE HIKING TRAIL
G8MPC	CEDAR BOG STANDPIPE
HT1MW	HAND PUMP BUR OAK TRAIL
NR1MP	PARK OFFICE NIMOWIN ROAD RAW
NR2MP	PUMPHOUSE NIMOWIN ROAD INTERPRETIVE CENTRE RAW
NR3MP	WEST GATE RAW
NR3AMPC	WEST GATE TREATED
HP1MP	PUMPHOUSE HYLAND PARK RAW
HP2MPC	PUMPHOUSE HYLAND PARK TREATED
SS1MP	SECURITY SITE RAW
DR1MP	DUFF ROBLIN PARK
DR2MPC	DUFF ROBLIN PARK

BIRDS HILL WATER SAMPLE REPORT
2000

SAMPLE DATE	01-25	02-07	02-23	03-08	03-23	04-05	05-10	05-25	06-13	07-05	07-17	08-01	08-14	08-18	08-29	09-12	11-21	11-28
WS1AMP						<1	<1	<1	<1	<1	<1	<1		<1	<1			
WS1BMP						<1	<1	<1	<1	<1	<1	1		<1	<1			
WS2MPC							<1	<1	<1	<1	<1	<1		<1	<1			
WS3MPC							<1	<1	<1	<1	<1							
WS4MPC																		
WS5MPC																		
WS6MPC								<1	<1	<1		<1		<1	<1			
WS7MPC																		
WN1AMP	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1		<1	
WN1BMP	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1		<1	
WN2MPC	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1		<1	
WN3MPC																		
WN4MPC											<1							
WN5MPC								<1										
WN6MPC	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1		<1	
FF1MP							<1	<1	<1	<1	<1	<1		<1	<1			
FF2MPC																		
FF3MPC																		
FF4MPC																		
FF5MP																<1		
FF6MPC	<1				<1	<1	<1	<1	<1	<1	<1	<1		<1				
FF7MPC																		
DC1MP						<1	<1	<1	<1	<1	<1	<1		<1	<1			
DC2MPC							<1	<1	<1	<1	<1	5	<1	<1	<1			
DC3MPC																		
DC4MPC								<1	<1		<1			<1	<1			
G1MP							<1	<1	<1	<1		<1		<1	<1			
G2MPC								<1	<1	<1	<1	<1		<1	<1			
G3MPC											<1							
G4MP																		
G5MPC							<1	<1	<1	<1	<1	<1		<1	<1			
G6MPC														<1				
G7MPC												3	<1	<1	<1			
G8MPC								<1	<1	<1	<1							
HT1MW	<10	<1	<1	<1	<1	<1	<1	<1	1	<1	1	<1		<1	<1		<1	
NR1MP									<1					<1				
NR2MP	<10	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1		<1	<1		<1	
NR3MP							1											
NR3AMPC								<1	<1	<1	<1	<1		<1				
HP1MP																		
HP2MPC							<1	<1	<1	<1	<1	<1		<1	<1			
SS1MP						<1								3				
DR1MP							<1	<1	<1	<1	<1	18		74	<1			
DR2MPC							<1	<1	<1	<1	<1	<1		10	<1			

GRAND BEACH WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
EB1MP	EAST BEACH PUMPHOUSE #1 (RAW)
EB2MPC	EAST BEACH PUMPHOUSE #1 (TREATED)
EB3MPC	WATER STAND #30, BAY 11
EB4MP	EAST BEACH PUMPHOUSE #2 (RAW)
EB5MPC	EAST BEACH PARKING LOT
EB6MPC	WATER STAND 1 BAY 16
WB1MP	WEST BEACH PUMPHOUSE #3 (RAW)
WB2MPC	WEST BEACH PUMPHOUSE #3 (TREATED)
WB3MPC	WATER STAND #55 ON FIRST STREET
WB4MP	#2 PAVILLION (RAW)
WB5MP	WATER STAND # 35
WB6MP	STAFF QUARTERS (RAW)
WB7MPC	STAFF QUARTERS
WB8MP	DISTRICT OFFICE (RAW)
WB9MP	MAINTENANCE SHOP (RAW)
WB10MW	HAND PUMP
PB11MW	PATRICIA BEACH FLOWING WELL AT CONCESSION BUILDING
PB12MW	PATRICIA BEACH FLOWING WELL AT EAST PARKING LOT

GRAND BEACH WATER SAMPLE REPORT

2000

SAMPLE / DATE		05-30	06-13	06-27	07-12	07-18	07-26	08-22	09-05	09-18	10-03
EB1MP		<10	<10	<10	<10			<10			
EB2MPC		<1	<1	<1	<1			<1			
EB3MPC		<1	<1	<1	<1			<1			
EB4MP		<10	<10	<10	<1			<10			
EB5MPC		<1	<1	<1	<1			<1			
EB6MPC		<1	<1	<1	<1			<1			
WB1MP		<10	<10	<10	<10			<10		<10	1
WB2MPC		<1	<1	<1	3	<1		<1		<1	<1
WB3MPC		<1	<1	<1	7	<1		<1		<1	<1
WB4MP		<10		0	0		0	0		0	0
WB5MP		<1		0	0		0	0		0	0
WB6MP									0		
WB7MPC			0						0		
WB8MP			0	0			0	0		0	
WB9MP		<10					0	0		0	
WB10MW		10		200							
PB11MW			0		6	<1			0		
PB12MW			0		0				0		

GRINDSTONE PARK WATER SAMPLE IDENTIFICATION

CODE

BP.....BLACK'S POINT
SB.....SOUTH BEACH
BC.....BEAVER CREEK
IVN....ISLANDVIEW NORTH
IVS....ISLANDVIEW SOUTH
NC.....NORTH CLIFFS
PA.....PICNIC AREA
BL.....BOAT LAUNCH

LOCATION

BP-1-MW.....BIRCH CRESCENT ACROSS FROM LOT 1
BP-2-MW.....TAMARACK WAY
BP-3-MW.....BIRCH CRESCENT LOT 59
BP-4-MW.....JACK PINE PLACE
BP-5-MW.....POPLAR PLACE
BP-6-MW.....BALSAM ROAD
BP-7-MW.....BLACK'S POINT ROAD LOT 1
SB-12-MW.....SOUTH BEACH ARROWWOOD LANE AND SNOWBERRY
IVS-13-MW.....ISLANDVIEW SOUTH
PA-16-MW.....PICNIC AREA NORTH CLIFFS
BL-17-MW.....BOAT LAUNCH NORTH CLIFFS
BC-18-MW.....BEAVER CREEK CAMPING AREA
BC-19-MW.....BEAVER CREEK NORTH COTTAGE AREA

GRINDSTONE WATER SAMPLE REPORT

2000

SAMPLE / DATE		05-17	05-31	06-14	06-28	07-12	07-26	08-09	08-23	09-06
BP1MW										
BP2MW										
BP3MW		<1	<1	<1	<1	O/G	18	1	<1	<1
BP4MW		<1	<1		1	Q	<1	<1	3	2
BP5MW				<1						
BP6MW										
BP7MW		<1	<1	O/G	O/G	14	<1	16	2	<1
SB12MW		<1	<1	<1	<1	1	11	<1	1	1
IVS13MW		<1	<1	<1	1	O/G	<1	<1	1	<1
PA16MW		<1	<1	<1	1	O/G	O/G	O/G	1	<1
BL17MW		<1	<1	<1	2	O/G	O/G	O/G	O/G	O/G
BC18MW		<1	<1	<1	<1	<1	<1	<1	<1	<1
BC19MW		<1	<1	<1	<1	<1	O/G	<1	<1	<1

INTERLAKE WATER SAMPLE IDENTIFICATION
LUNDAR BEACH , WPG. BEACH, CAMP MORTON, LAKES ST. GEORGE/ANDREWS
AND WATCHORN PARK

SAMPLE	LOCATION
LB-1-MP	LUNDAR BEACH WELL
LB-2-MP	TAP AT WELL SITE
LB-3-MP	TRAILER DUMP STATION
LB-4-MP	STAFF BUNKHOUSE TAP
LB-1A-MP	HAND PUMP
LSG-1-MW	LAKE ST. GEORGE CAMPGROUND
LSG-2-MW	LAKE ST. GEORGE COTTAGE AREA
LSA-1-MW	LAKE ST. ANDREWS CAMPGROUND
LSA-2-MW	LAKE ST. ANDREWS COTTAGE AREA
WB-1-MP	WINNIPEG BEACH PUMPHOUSE (RAW)
WB-2-MPC	WINNIPEG BEACH PUMPHOUSE (TREATED)
WB-3-MPC	MARINA OUTLET
WB-4-MPC	PARK TAP
WB-5-MPC	SINK
WB-6-MPC	SINK
CM-1-MP	CAMP MORTON PUMPHOUSE (RAW)
CM-2-MPC	CAMP MORTON PUMPHOUSE (TREATED)
CM-3-MPC	FOUNTAIN
CM-4-MPC	FOUNTAIN
CM-5-MW	HAND PUMP
HP-1-MW	HNAUSA PARK FLOWING WELL
NL-1-MW	HAND PUMP NORRIS LAKE
WP-1MW	WILDERNESS PARK
LC-11MW	HAND PUMP AT NEW CAMP MORTON CAMPGROUND

INTERLAKE WATER SAMPLE REPORT 2000

LUNDAR, WINNIPEG BEACH, CAMP MORTON, ST. GEORGE/ANDREWS

SAMPLE DATE		08-14	05-29	06-12	06-26	07-10	07-24	08-08	08-23
LUNDAR BE									
LB1MP			<1	<1	<1	<1	<1	O/G	<1
LB2MP			<1	<1	<1	<1	<1	<1	<1
LB3MP					<1	<1	<1	<1	<1
LB4MP									
LB1AMP									
LSG1MW		<1							
LSG2MW									
LSA1MW									
LSA2MW									

WPG. BEACH DATE		05-17	05-31	06-15	06-28	07-12	07-26	08-09	09-06	09-20	
WB1MP		<1	<10	<1	1	<1	<10	<1	<1	10	
WB2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<10	
WB3MPC			<1	<1	<1	<1	<1	O/G	<1	<1	
WB4MPC											
WB5MPC											
WB6MPC											

CAMP MORTO DATE		05-17	05-31	06-15	06-28	07-12	07-26	08-09	09-06	09-20	10-12	10-24
CM1MP		<1	<1	<1	<1	<1	<1	<10	<1	<1		
CM2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1		
CM3MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1		
CM4MPC			<1	<1	<1	<1	<1	<1	<1	<1		
CM5MW				<1	<1	<1		O/G	6	5	<1	
HP1MW		<1	<1	<1	<1	<1	1	<1	<1	<1		
NL1MW		<1	<1	<1	<1	<1	<10	<1	<1	<10		
WP1MW		<1	<1									
LC11MW		<1	<1	<1	<1	<1	<1	O/G	<1	1	<1	>1

HECLA PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
HP-1-MP	WELL MAY #1
HP-2-MP	WELL BAY #1
HP-3-MPC	PUMPHOUSE BAY #1
HP-4-MPC	BAY #1 OUTSIDE TAP
HP-5-MPC	BAY #2 OUTSIDE TAP
HP-6-MPC	BAY #3 OUTSIDE TAP
HP-7-MPC	BAY #4 OUTSIDE TAP
HP-8-MPC	BAY #5 OUTSIDE TAP
HP-9-MPC	BAY #6 OUTSIDE TAP
HP-10-MPC	CABINS OUTSIDE TAP
HP-11-MPC	NORTH POINT OUTSIDE TAP
HP-12-MP	BUNKHOUSE TAP
HP-13-MP	MAINTENANCE YARD
HP-14-MW	SOUTH GROUP USE AREA HAND PUMP
HP-15-MW	PARK GATE HAND PUMP
HV-1-MP	HECLA VILLAGE HALL PUMP
HV-2-MP	DOCKSIDE FISH STATION PUMP
HV-3-MPC	HEVLA VILLAGE HALL
HV-4-MPC	HISTORIC HOME
HV-5-MPC	HECLA VILLAGE SCHOOL VISITOR CENTRE

HECLA PARK WATER SAMPLE REPORT

2000

SAMPLE / DATE		05-17	05-31	06-14	06-28	07-12	07-28	08-09	08-23	09-06
HP1MP		<10	<1	<10	<10	<10	<10	<10	<1	<10
HP2MP		<10	<1	<10	<1	<10	<10	<1	<1	<10
HP3MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1
HP4MPC					<1					
HP5MPC							<1			
HP6MPC			<1							
HP7MPC				<1						
HP8MPC									<1	
HP9MPC										<1
HP10MPC		<1						<1		
HP11MPC						<1				
HP12MP			<1		<10					
HP13MP			<1		<10					
HP14MW		<1	<1		<1	<1	<1	<1	<1	<1
HP15MW		2	<1			53	8	O/G	3	4
HV-1MP										
HV-2MP		<10		<1		30	<1	<1	<10	<1
HV-3MPC		<10		<1		<10	<10	<1	30	4
HV-4MPC										
HV-5MPC										

INTERLAKE REGION (SELKIRK) WATER SAMPLE IDENTIFICATION

CODE

NC....NETLEY CREEK
KH....KENNEDY HOUSE
MA....MAINTENANCE AREA

SAMPLE LOCATION

CAMPGROUND WAS CLOSED DURING SUMMER
OF 2000. NO SAMPLES TAKEN

NC-1-MP.....NETLEY CREEK WELL
NC-2-MPC.....ADJACENT TO WELL HOUSE
NC-3-MPC.....REPRESENTS TIE-IN TO B-SCHOFIELD'S BUSINESS
NC-4-MPC.....ADJACENT TO TOILET BUILDING
NC-5-MPC.....ADJACENT TO PLAY STRUCTURE
NC-6-MPC.....NORTH END OF PARKING LOT
NC-7-MPC.....SOUTH END OF PARKING LOT
NC-8-MPC.....LAST TAP AT SOUTH END OF NETLEY CR. WAYSIDE
NC-9-MPC.....LOCATION NOT LISTED

KH-1-MP.....KENNEDY HOUSE WELL
KH-21-MPC.....KITCHEN
KH-22-MPC.....MEN'S WASHROOM
KH-23-MPC.....WOMEN'S WASHROOM
KH-24-MPC.....UPSTAIRS QUARTERS
KH-26-MPC.....OUTSIDE TAP
KH-31-MPC.....OUTSIDE TAP

MA-3-MP.....OUTSIDE TAP
MA-4-MP.....WELL ADJACENT TO BUILDING

SH-5-MP .....STAFF HOUSE

SELKIRK WATER SAMPLE REPORT
2000

SAMPLE		DATE 06-09	07-14	08-04	08-23		
NETLEY CREEK							
NC1MP							
NC2MPC							
NC3MPC							
NC4MPC							
NC5MPC							
NC6MPC							
NC7MPC							
NC8MPC							
NC9MPC							
KENNEDY HOUSE							
KH1MP		<10	<1	<1	<1		
KH21MPC		<1	<1	<1	<1		
KH22MPC		<1	<1	<1	<1		
KH23MPC		<1	<1	<1	<1		
KH24MPC							
KH26MPC							
KH31MPC		<1	<1	<1			
MA3MP			0	0			
MA4MP				0			
SH5MP				0			

POTAGE LA PRAIRIE WATER SAMPLE REPORT

ST. AMBROISE PARK

SAMPLE	LOCATION
SA1MP	PUMPHOUSE
SA2MPC	DAY USE AREA
SAMPC	BATHROOM # 3
SAMPC	BATHROOM # 1
SAMPC	BUNKHOUSE

AT PRESENT, WATER IS HAULED FROM ST. AMBROISE AND STORED IN A HOLDING TANK.

PORTAGE WATER SAMPLE REPORT 2000

ST. AMBROISE

SAMPLE	DATE	06-21	08-23	08-27
SA1MP		>200		
SA2MPC		<1		
SA3MPC		<1		
SA4MPC		<1		
SA5MPC			<1	<1

ST. MALO WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
WP 1 MP	RAW AT WEST PUMPHOUSE
WP 2 MPC	TREATED AT WEST PUMPHOUSE
WP 3 MPC	TREATED AT WASHROOM BETWEEN BAY 1 & 2
WP 4 MPC	TREATED AT WASHROOM SOUTH OF PARK ENTRANCE
EP 1 MP	RAW AT EAST PUMPHOUSE
EP 2 MPC	TREATED AT EAST PUMPHOUSE
EP 3 MPC	TREATED AT WASHROOM BETWEEN BAYS 2 & 3
EP 4 MPC	TREATED AT TAP 15 SOUTH OF BAY 4

ST. MALO PARK WATER SAMPLE REPORT

2000

Sample / DATE		05-10	05-24	06-07	06-21	07-05	07-19	08-02	08-16	08-30	09-13
WP1MP						<10					
WP2MPC						<1					
WP3MPC						<1					
WP4MPC											
EP1MP		<1	<1	<1	<1	<1		<10	<10	<10	<10
EP2MPC		<1	<1	<1	<1	<1		2	<1	<1	<1
EP3MPC								<1	<1	<1	<1
EP4MPC											

TURTLE MOUNTAIN WATER SAMPLE IDENTIFICATION
ADAM LAKE, MAX LAKE, WILLIAM LAKE & WAYSIDES

ADAM LAKE

SAMPLE LOCATION	SAMPLE LOCATION
AL-1-MP.....PUMPHOUSE (RAW)	AL-2-MPC...PUMPHOUSE (TREATED)
AL-4-MW....WELL	AL-8-MPC...FOUNTAIN
AL-11-MPC...FOUNTAIN	AL-12-MPC..FOUNTAIN
AL-20-MPC..FOUNTAIN	AL-21-MPC...FOUNTAIN
AL-30-MPC..FOUNTAIN	AL-32-MW...WELL #10
AL-33MW..WELL SEASONAL AREA	AL-34MW.....WELL GROUP USE AREA
AL-36MW...WELL JAMES LAKE CABIN	

MAX LAKE
ML-1-MP.....PUMPHOUSE (RAW)
ML-2-MPC.....HOUSE
ML-3-MPC.....FOUNTAIN
ML-4-MPC.....FOUNTAIN
ML-5-MW.....WELL

WILLIAM LAKE
WL-1-MP.....PUMPHOUSE (RAW)
WL9MPC.....FOUNTAIN
WL12MPC .FOUNTAIN

BOISSEVAIN WATER SAMPLE REPORT 2000

SAMPLE / DATE	01-18	02-01	02-15	02-29	03-14	03-28	04-11	04-25	05-09	05-23	06-06	06-20	07-04	07-18	08-01	08-15	08-29	09-12	09-26	10-10	10-24	11-21	12-05	12-12
AL1MP	<1	<10	<1	<1	<1	<1	<1	<1	<1	<10	3	<1	<1	<10	<1	<1	0	0	<1	<1	3	<1	<1		
AL2MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	0	<1	<1	<1	<1	<1		
AL4MW												<10	0/G												
AL8MPC																									
AL11MPC									<1		<1	<1	<1	<1	<1	<1	0	0							
AL12MPC										<1															
AL20MPC									<1																
AL21MPC										<1															
AL30MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0	0	<1	<1	<1	<1	<1		
AL32MW									<1			<1		<1		<1				2					
AL33MW										<1		1	O/G	<1		5	0								
AL34MW									<1			<1		<1		<1				0					
AL36MW									3			2	<1	<1		2	0			0				9	
ML1MP										<10	<1	<1	<1	<1	<1	<10	0	0							
ML2MPC										<1	<1	<1	<1		<1	<1	0	0							
ML3MPC														<1											
ML4MPC										<1	<1	<1	<1	<1	<1	<1	0	0							
ML5MW																									
WL1MP									10	<10	<10	<10	45	40	<10	<10	200	12							
WL9MPC									O/G	<1	<1	<1	<1	<1	<1	<1	0	0							
WL12MPC									<1	<1	<1	<1	<1	<1	<1	<1	0	0							

SPRUCE WOODS WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
1-MP	PUMPHOUSE (RAW)
2-MP	PUMPHOUSE (RAW)
1-MPC	SPRUCE WOODS OVERFLOW
2-MPC	GAMES AREA
3-MPC	JUNCTION BAY 3 & BAY 4
1-MW	CANOE CAMPGROUND #1
2-MW	STEEL'S FERRY
3-MW	RIDING STABLE #1
4-MP	RIDING STABLE #2
5-MP	STAFF QUARTERS-BROWN BLDG.
6-MP	STAFF QUARTERS-WHITE BLDG.
7-MP	SPRUCE WOODS SHOP
8-MP	SPRUCE WOODS LUNCH ROOM
9-MP	N.R.O. RESIDENCE
10-MW	MARSHS LAKE
11-MW	CABIN #2-EPINETTE
12-MW	CABIN #3-EPINETTE
13-MW	NORTH LOOP-EPINETTE
14-MW	SOUTH LOOP-EPINETTE
15-MW	JACKFISH LAKE
16-MW	CANOE CAMPGROUND #2 (DOMESTIC)
17-MW	CANOE CAMPGROUND #2 (HORSES)
18-MW	STAGING AREA, SPIRIT SANDS
19-MW	HIKING TRAIL
20-MW	DUNES
21-MW	OASIS
22-MW	DEVIL'S PUNCH BOWL
23-MW	CARBERRY OFFICE
24-MW	HOLLAND WAYSIDE HWY. #34
25-MW	SETON WAYSIDE HWY. #1

CARBERRY WATER SAMPLE REPORT

2000

SAMPLE / DATE		05-16	05-29	06-13	06-27	07-13	07-25	08-15	08-29	09-13	09-26	10-17
1MP		<1	<1	<1	<1	<1	1		<1	<1	<1	<1
2MP		<1	<1	<1	<1	<1	<1		<1	<1	<1	<1
1MPC		<1	<1	<1	<1	<1	<1		<1	<1		
2MPC		<1	<1	<1	<1	<1	<1		<1	<1		
3MPC		<1	14	<1	<1	<1	<1		<1	<1	<1	
1MW												
2MW		<1				<1			<1		<1	<1
3MW		<1				<1			<1		<1	<1
4MP			18							<1		
5MP		<1								<1	<1	
6MP		<1				<1						<1
7MP		<1										
8MP		<1								<1		
9MP												
10MW		<1				<1					<1	<1
11MW		<1			<1		<1	<1	<1	<1		0
12MW			<1		<1	<1			<1	<1		0
13MW		<1			<1	<1			<1	<1		0
14MW		<1			<1	<1			<1	<1		0
15MW		<1			<1	<1	<1		<1	<1		0
16MW		<1			<1			<1			<1	0
17MW												
18MW		<1		<1				<1				0
19MW		<1				<1			<1			
20MW		<1						<1		<1		
21MW		<1						<1				
22MW		<1						<1			<1	0
23MW		<1						<1				
24MW		<1						<1				
25MW		<1						<1				

STEPHENFIELD PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
1MP	RAW AT PUMPHOUSE
2MPC	TREATED AT PUMPHOUSE
3MPC.....	STANDPIPE ON DISTRIBUTION SYSTEM TREATED
4MPC	STANDPIPE ON DISTRIBUTION SYSTEM TREATED

STEPHENFIELD WATER SAMPLE REPORT
2000

SAMPLE / DATE		05-24	06-07	06-21	07-11	07-25	08-09	09-05
1MP		<1	<10	<1	<1	<1		<1
2MPC		<1	<1	<1	<1	<1	<1	<1
3MPC		<1	<1	<1	<1	<1	<1	<1
4MPC								

DAUPHIN REGION WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
RAINBOW BEACH	
RB 1	RAW WATER AT PUMPHOUSE
RB 2	TREATED WATER AT PUMPHOUSE
RB 3	TREATED AT CONCESSION BUILDING
RB 4	OUTLET AT GROUP USE AREA
MANIPOGO PARK	
MP 1	RAW AT PUMPHOUSE
MP 2	TREATED AT PUMPHOUSE
MP 3	OUTLET IN WEST BAY
MP 4	OUTLET IN NORTH CAMPING AREA
MP 5	HAND PUMP IN NORTH CAMPING AREA
ASESSIPPI PARK	
AP 1MP	RAW AT PUMPHOUSE
AP 2MPC	TREATED AT MAINTENANCE YARD
AP 3MPC	TREATED AT CAMPGROUND
AP 4MPC	TREATED AT PAVILION/ FISH BLDG.

DAUPHIN WATER SAMPLE REPORT 2000

SAMPLE / DATE		05-29	06-28	07-31			
RAINBOW BEACH							
RB1		<1	<1	<1			
RB2		<1	<1	<1			
RB3		<1	<1	<1			
RB4		<1	<1	<1			
MANIPOGO PARK							
MP1		<1	<1	<1			
MP2		<1	<1	<1			
MP3		<1	<1	<1			
MP4		<1	<1	<1			
MP5		**31**	<1				

ASESSIPPI PARK

SAMPLE / DATE		05-30	06-13	07-10	07-26	08-15	08-28	09-11	
AP 1MP		<1	<10	<1	<10	<10	<10	<10	
AP 2MPC		<1	<1	<1	<1	<1	<1	<1	
AP 3MPC		<1	<1	<1	<1	<1	<1	<1	
AP 4MPC		<1	<1	<1	<1	<1	<1	<1	

SWAN RIVER WATER SAMPLE IDENTIFICATION

CHILDS LAKE

CL1	RAW WATER AT PUMPHOUSE
CL2	TREATED WATER AT PUMPHOUSE
CL3	TREATED AT CAMPGROUND
CL4	TREATED AT OFFICE
CL5	HAND PUMP AT SEASONAL CAMPGROUND

SINGUSH LAKE

SL1	HAND PUMP WAYSIDE
SL2	HAND PUMP SUBDIVISION

BLUE LAKES

BL1	RAW WATER AT PUMPHOUSE
BL2	TREATED WATER AT PUMPHOUSE
BL3	TREATED WATER AT CAMPGROUND
BL4	TREATED WATER AT OFFICE
BL5	RAW WATER HAND PUMP AT PUMPHOUSE

WELLMAN LAKE

WL1	RAW WATER AT PUMPHOUSE
WL2	TREATED WATER AT PUMPHOUSE
WL3	TREATED WATER AT CAMPGROUND
WL4	TREATED WATER AT OFFICE
WL5	HAND PUMP AT PICNIC SITE
WL6	HAND PUMP SUBDIVISION

PW 1	PRIMROSE WAYSIDE AT BIRCH RIVER (HAND PUMP)
WFL 1	WHITEFISH LAKE SEASONAL CAMPGROUND (HAND PUMP)
WFL 2	WHITEFISH LAKE

STR 1	STEEP ROCK LAKE CAMPGROUND HAND PUMP
STR 2	STEEP ROCK LAKE BEACH HAND PUMP

SW1	SPRINGWATER WAYSIDE (UNTREATED AT SOURCE)
SW2	SPRINGWATER WAYSIDE AT TAP (UNTREATED)

SR1	WAYSIDE 1 MILE NORTH OF SWAN RIVER
SR2	SWAN RIVER SHOP

BLW 1	BELL LAKE WAYSIDE

SWAN RIVER WATER SAMPLE REPORT
2000

SAMPLE / DATE	05-30	06-13	06-27	07-11	07-25	08-08	08-22	09-05	09-19
CHILDS L									
CL1	<10	<10	<1	<1	<1	<10	<10	<1	<10
CL2	<1	<1	<1	<1	<1	<1	<1	<1	<1
CL3	<1		<1		<1		<1		<1
CL4		<1	lab. Err.			<1		<1	
CL5		<1			<1	<1	<1	<1	O/G
SINGOOSH L									
SL1	<1	1	ab err	3	2	57	<1	182	<1
SL2	<1	<1	<1	<1	1	61	<1	1	<1
BLUE L									
BL1	10	<10	<10	10	<1	<10	<10	<1	<10
BL2	<1	<1	<1	<1	<1	<1	<1	<1	<1
BL3	<1		<1		<1		<1	<1	<1
BL4		<1	lab. Err.			<1			
WELLMAN L									
WL1	<10	<10	<1	<10	72	140	<10	6	<10
WL2	<1	<1	<1	<1	<1	<1	<1	<1	<1
WL3	<1		<1		<1	<1	<1	<1	<1
WL4		<1	lab. Err						
WL5	<1	<1	<1	<1	<1	5			1
WL6	<1	<1	<1	8	39	<1	<1	<1	1
WAYSIDES									
PW1	<1	<1	15	27	<1	6	<1	O/G	O/G
WFL1	<1	<1	<1		<1	<1	<1	<1	<1
WFL2	<1	<1	<1		<1	<1	<1	<1	<1
STRL1	<1		<1	<1			O/G	>200	
SW1									
SW2									
SR1	<1	<1	<1	<1	<1	<1	1	<1	<1
SR2	<1			<1	<1	<1	<1	<1	<1
BLW1	<1		<1	<1	<1	<1	<1	<1	<1

WESTERN REGION (VIRDEN) WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
OAK LAKE	
OL 1 MP	PRESSURIZED AT OAK LAKE PUMPHOUSE
OL 2 MPC	WATER STAND PIPE WEST OF SHOP (OAK IAKE)
OL 3 MPC	WATER STAND BETWEEN SHOP/WASHROOM (OAK LAKE)
OL 4 MPC	WATER STAND WEST OF WASHROOM (OAK LAKE)
RIVERS	
R 1 MP	RAW AT PUMPHOUSE RIVERS PARK
R 2 MPC	TREATED AT PUMPHOUSE RIVERS PARK
R 3 MPC	TREATED AT SITE 15 SEASONAL CAMPGROUND
R4MPC	TREATED AT SHOP
R 4 MW	HAND PUMP AT DAY USE AREA

WESTERN (VIRDEN) WATER SAMPLE REPORT

2000

SAMPLE / DATE		07-10	07-31	08-14	08-30				
OAK LAKE									
OL1MPC		<1	<1	<1	<1				
OL2MPC		<1	<1	<1	<1				
OL3MPC		<1	<1	<1	<1				
OL4MPC									

SAMPLE / DATE		05-29	06-12	06-26	07-12	07-23	07-31	08-16	08-29
RIVERS PARK									
R1MP		5	<1	<10	<10	<1	<1	<1	<10
R2MPC		1	<1	<1	<1	<1	<1	<1	<1
R3MPC		1	<1	<1	<1	<1	<1	<1	<1
R4MPC		<1	<1	<1	<1	<1	<1	<1	<1
R4MW									

CLEARWATER (THE PAS) WATER SAMPLE IDENTIFICATION

SAMPLE LOCATION

A1.....CAMPERS COVE RAW
A2.....CAMPERS COVE SHOWER BLDG.
A3.....CAMPERS COVE SHOWER BLDG.
B1.....CAMPERS COVE WEST RAW
B2.....CAMPERS COVE WEST TREATED
B3.....CAMPERS COVE WEST TREATED
C1.....CAMPERS COVE EAST RAW
C2.....CAMPERS COVE EAST TREATED
C3.....CAMPERS COVE EAST TREATED
D1.....PIONEER BAY RAW
D2.....PIONEER BAY TREATED
D3.....PIONEER BAY TREATED

THE PAS WATER SAMPLE REPORT
2000

SAMPLE	DATE	05-30	06-12	06-26	07-11	07-25	08-08
A 1		<1	<1	<1	<1	<1	
A 2		<1	<1	<1	<1	<1	<1
A 3		<1	<1	<1	<1	<1	<1
B 1		<1	<1	<1	<1	<1	
B 2		<1	<1	<1	<1	<1	<1
B 3		<1	<1	<1	<1	<1	<1
C 1		<1	<1	<1	<1	<1	
C 2		<1	<1	<1	<1	<1	<1
C 3		<1	<1	<1	<1	<1	<1
D 1		<1	<1	<1	28	<1	
D 2		<1	<1	<1	<1	<1	<1
D 3		<1	<1	<1	<1	<1	<1

BAKER'S NARROWS AND GRASS RIVER PROVINCIAL PARK

WATER SAMPLE IDENTIFICATION

BAKER'S NARROWS

SAMPLE	LOCATION
BN-1-MPC	TAP AT SITE #24 BAY C
BN-2-MPC	TAP AT SITE # 10E BAY B
BN-3-MPC	TAP AT SITE # 51 E
BN-4-MPC	TAP AT CAMPGROUND OFFICE
BN-5-MPC	TAP AT GROUP USE AREA
BN-6-MPC	TAP AT PICNIC AREA DAY USE
BN-7-MPC	TAP AT SITE # 66 SEASONAL LOOP
BN-8-MPC	MAINTENANCE SHOP
BN-9-MPC	LUNCH ROOM
BN-10-MPC	BLONDIES BEACH PUMPHOUSE TREATED
BN-11-MP	BLONDIES BEACH PUMPHOUSE RAW

GRASS RIVER PROVINCIAL PARK

GC 1MW	GYLES CAMPGROUND ACROSS FROM SITE 34
GC 2MW	GYLES CAMPGROUND AT SITE 8
GC 3MW	GYLES CAMPGROUND DAY USE PARKING AREA
GC 4MW	GYLES CAMPGROUND OFFICE
ILC 1MW	ISKWASUM CAMPGROUND PARKING LOT ENTRANCE
ILC 2MW	ISKWASUM CAMPGROUND SITE 32
ILC 3MW	ISKWASUM CAMPGROUND SITE 1
RLC 1MW	REED LAKE SITE 1
RLC 2MW	REED LAKE BETWEEN SITE 11 & 27
RLC 3MW	REED LAKE OLD SITE 44
REED LAKE	SPRING

FLIN FLON/CRANBERRY PORTAGE

WATER SAMPLE REPORT 2000

BAKERS NARROWS

SAMPLE	DATE	06-26	07-17	07-31	08-15		
BN-1-MPC			<1		<1		
BN-2-MPC			<1		<1		
BN-3-MPC			<1		<1		
BN-4-MPC		<1		<1			
BN-5-MPC		<1		<1			
BN-6-MPC		<1	<1	<1			
BN-7-MPC		<1		<1			
BN-8-MPC		2		<1			
BN-9-MPC		<1	<1		20		
BN-10-MPC		<1	<1	<1	<1		
BN-11-MP		<1	<1	<1	<1		

GRASS RIVER

SAMPLE	DATE	05-23	06-14	06-20	07-06	07-12	07-25	08-08	08-21	09-05
GC1MW		1		0	15	>200		>200	2	41
GC2MW		4		0	89	4	<1	11	0	53
GC3MW		0		0	0		<1	0	0	2
GC4MW										
ILC1MW		0		0	3	38	O/G	2	0	0
ILC2MW		0		0	0		<1	0	0	0
ILC3MW		0		0	0		<1	0	0	0
RLC1MW		10	<1	4	>200	1	6	9	3	0
RLC2MW		4	<1	3	21	0	<1	2	0	5
RLC3MW		27	<1	38	0		<1	28	0	0
REED L SPRING								4	2	5

SNOW LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
1MP	PUMP HOUSE RAW CAMPGROUND
2MPC	PUMPHOUSE TREATED
3MPC	DISTRIBUTION SYSTEM
4MW	HAND PUMP
1MP	PUMPHOUSE RAW HELITAC BASE
2MPC	PUMPHOUSE TREATED
3MPC	DISTRIBUTION SYSTEM

WEKUSKO PARK WATER SAMPLE REPORT

2000

SAMPLE	DATE	05-24	06-05	06-13	06-26	07-10	07-24	08-18	08-29
1MP		<10	10	<10	8	30	70	80	<10
2MPC		<1	<1	<1	<1	<1	<1	<1	<1
3MPC		<1	<1	<1	<1	<1	<1	<1	<1
4MW		<1		<1					
1MP		4	10	<10	7	<10		100	100
2MPC		<1	<1	<1	<1	<1		188	<1
3MPC		<1	<1	<1	<1	<1		<1	<1

NORTHEASTERN (THOMPSON) REGION WATER SAMPLE IDENTIFICATION

PAINT LAKE PROVINCIAL PARK

SAMPLE	LOCATION
PL1MP	PUMPHOUSE RAW
PL2MPC	PUMPHOUSE TREATED
PL3MPC	MAINTENANCE SHOP TREATED
PL4MPC	BAY 1 TREATED
PL5MP	BAY 2 TREATED
PL6MPC	BAY 3 TREATED
PL7MPC	BAY 5 TREATED
PL8MPC	BUNKHOUSE TREATED
PL9MP	SHOWER BLDG. TREATED
PL10MPC	MARINA TAP TREATED
PL11MPC	BEACH WATER STAND
LL11MW	LIZ LAKE WELL

ZED LAKE
BERGE LAKE

THOMPSON WATER SAMPLE REPORT 2000

PAINT LAKE

SAMPLE		DATE 01-04	01-17	02-07	02-14	02-28	03-13	04-03	04-10	04-25	05-10	05-29	06-05	06-19	07-04	07-24	07-31	08-08	08-14	08-28	09-11	09-25	10-23
PL1MP		8	23	14	40	46	40	10	20	30	10	9	60	20	50	50	50	20	5	120	130	80	<1
PL2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
PL3MPC		<1	<1				<1	<1		<1							<1					<1	<1
PL4MPC					<1							<1					<1			<1			
PL5MPC														<1				<1	<1				
PL6MPC																<1							
PL7MPC																							
PL8MPC				<1	<1	<1			<1	<1	<1		<1								<1		<1
PL9MPC															<1								
PL10MPC		<1	<1	<1	<1	<1	<1	<1	<1		O/G	<1	<1	<1	<1	<1		<1		<1	<1	<1	<1
LL11MW																			<1				

SAMPLE		DATE 11-08	11-20	12-04	12-18	
PL1MP		<10	60	10	10	
PL2MPC		43	<1	<1	<1	
PL3MPC			<1	<1	<1	
PL4MPC						
PL5MPC						
PL6MPC						
PL7MPC						
PL8MPC						
PL9MPC						
PL10MPC		<1	<1	<1	<1	
LL11MW						

LYNN LAKE

SAMPLE		DATE 06-06	08-23
ZED L.		<1	43
BERGE L		3	<1